



Royal® Solenoid (less sensor) Flushometer

ROYAL 186 ES-0.125-L/STOP-CP-24V

Product description

0.125 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, Less Control Stop, Hardwired, Solenoid-Operated, 24V, Royal® Exposed Solenoid (less sensor) Hardwired Urinal Flushometer.

Compliances & Certifications



(ADA Compliant*, BAA Compliant, BABAA Compliant, BREEAM Water Credit, Green Globes Water, IAPMO, UL Certified (US), EPA WaterSense Listed)

Code 3452632

Finish

 Polished Chrome (CP)

Downloads

-  [Royal ESS Concealed and Exposed Installation Instructions.pdf](#)
-  [Control Stop Repair and Maintenance Guide.pdf](#)
-  [Flush Connections Flanges Repair and Maintenance Guide.pdf](#)
-  [Additional Downloads](#)

Videos

-  [Sloan – Company Overview](#)

Product Information

Details

- Flush Volume: 0.125 gpf (0.5 lpf)
- Finish: Polished Chrome (CP)
- Power Type: Hardwired (HW)
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- Fixture Connection: Top Spud
- Rough-in Dimension: 11.5" (292mm)
- Spud Coupling: 0.75" (19mm)
- Supply Pipe: 0.75" (19mm)
- Control Stop: Less (L/STOP)
- Voltage: 24V (24V)

Features

- Water conservation is aided by the ADA-compliant, non-hold-open handle, which prevents urinal from exceeding intended flush volume
- Flush accuracy is controlled by CID™ technology, also enhancing water efficiency
- Integrity of the product is maintained with the vandal-resistant stop cap
- Durability is facilitated with high copper, low zinc brass castings for dezincification resistance
- Adjustable tailpiece
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Valve body, Cover, Tailpiece and Control Stop shall be in compliance with ASTM Alloy Classification for Semi-Red Brass
- Valve shall be in compliance to the applicable sections of ASSE 1037

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Recommended specifications

Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance with the applicable sections of ASSE 1037 and ANSI/ASME 112.19.2.

Electrical specifications

- Solenoid Operator: 24 VAC
- Transformers (Specify Separately):
 - EL-154/0345154
 - EL-342/0345999

Valve Operating Pressure (Flowing)

15–80 psi (103 – 552 kPa). Specific fixtures may require greater minimum flowing pressure – consult manufacturer requirements.

Warranty

[View Warranty Information](#)

Notes

All information contained within this document subject to change without notice.

*Compliant with ADA accessibility requirements when installed according to ADA standards.
WaterSense compliant when used with a 0.125 gpf (0.5 lpf) WaterSense fixture.

Looking for other variations of the ROYAL 186 ES product? [View the general spec sheet with all options.](#)
[Find a compatible urinal](#) for this flushometer.
[Find a compatible water closet](#) for this flushometer.

